

Title (en)

Measurement of underground structures, in particular for underground tunnelling, having change plates

Title (de)

Messung unterirdischer Bauwerke, insbesondere beim unterirdischen Vortrieb, mit Fröschen

Title (fr)

Mesurage de constructions souterraines, notamment lors de l'avancement souterrain, à l'aide d'embases crapaud

Publication

**EP 2325601 B1 20150930 (DE)**

Application

**EP 10005172 A 20100518**

Priority

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- DE 102010004264 A 20100110
- DE 102009022750 A 20090526

Abstract (en)

[origin: EP2256456A2] The method involves carrying-out pipe driving or tubing construction during construction of an underground structure. The structure and/or position of a driving device are measured, and a prism rim (131) comprising prisms is attached to a ridge of the structure. The positions of the prisms are successively measured after the mounting of the prisms. The structure is automatically measured over a set of measuring steps, where the prisms are arranged one behind the other in a longitudinal direction of the structure.

IPC 8 full level

**G01C 7/06** (2006.01); **E21D 9/00** (2006.01)

CPC (source: EP)

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